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ANNOUNCEMENT.—In accordance with the provisions contained in Section 2 of an Act of Congress (Public No. 40, 65th Congress) approved August 10, 1917, the Chief of the Bureau of Markets of the United States Department of Agriculture has been authorized and instructed, as an agent of the Secretary of Agriculture, to take such steps as may be necessary to obtain authoritative information regarding the matters authorized to be investigated under that section.

The Food Surveys Project has been established pursuant to Sections 2 and 8, of the Act, to obtain such information concerning food and food materials as may seem necessary or desirable for the guidance of governmental agencies and the public in

making plans for increasing production, for promoting efficient distribution, and for directing conservation and utilization.

The results of the surveys made under this Project will be published monthly in "Food Surveys," which will be mailed from Washington, D. C., between the fifteenth and twentieth of each month. Special numbers of "Food Surveys" will be issued from time to time as occasion may require. A copy may be obtained on application to "Food Surveys," Bureau of Markets, Room 229, Homer Building, Washington, D. C.

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**COMMERCIAL STOCKS OF BEANS, PEAS, GRAIN SORGHUMS,
 RICE, AND BUCKWHEAT FLOUR**

NOT INCLUDING RETAIL STOCKS.

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The commodities for which information is here presented include beans, peas and lentils, grain sorghums (kafr corn, milo maize, etc.), cleaned rice, and buckwheat flour.

The total quantities of these commodities on hand and in transit on July 1, 1918, as reported by storage houses, wholesale dealers, and manufacturers, were as follows: Beans, 13,451,891 bushels; peas and lentils, 2,505,072 bushels; grain sorghums, 3,014,012 bushels; cleaned rice, 157,513,526 pounds; buckwheat flour, 6,896,260 pounds.

The figures for goods in transit were obtained under the following instructions: "Report as in transit the total quantity which you have recently shipped, and which you believe has not been delivered to the purchaser or consignee." The quantities of these commodities thus reported as in transit were as follows: Beans, 846,978 bushels; peas and lentils, 107,948 bushels; grain sorghums, 34,078 bushels; rice, 41,237,493 pounds; buckwheat flour, 114,609 pounds.

The reports covering the retail stocks of these commodities are in process of tabulation and will be published later. Some idea of the relative importance of these retail stocks may be obtained from the Survey of January 1, 1918, which shows stocks held by retail dealers amounting to the following percentages of the total commercial stocks of the commodities considered: Beans, 20.2 per

cent; peas and lentils, 12.7 per cent; grain sorghums, 19.3 per cent; cleaned rice, 15.5 per cent; buckwheat flour, 46.5 per cent.

The stocks of cleaned rice reported for July 1, 1918, amounted to only 61.8 per cent of the stocks held by the same firms on July 1, 1917. For the other four commodities, however, decidedly larger stocks were reported for the current year than for last year, the increases over the holdings on July 1, 1917, amounting to the following percentages: Beans, 47.7 per cent; peas and lentils, 80.1 per cent; grain sorghums, 64.9 per cent; buckwheat flour, 21.2 per cent.

Some of the most important figures relating to the commodities in this group are presented in summary form in Table 1.

Table 1.—Summary of United States totals—Commercial stocks of beans, peas, grain sorghums, rice, and buckwheat flour, not including retail stocks.

COMMODITY.	Total stocks reported as on hand July 1, 1918.	COMPARATIVE FIGURES—FROM FIRMS REPORTING FOR BOTH 1918 AND 1917.		Quantity reported as in transit on July 1, 1918.	
		1918 stocks.			
		Quantity.	Per cent of 1917.		
Beans (bu.).....	12,604,913	9,899,436	147.7	6,704,049	
Peas (bu.).....	2,397,124	1,475,497	180.1	819,444	
Grain sorghums (bu.).....	2,970,934	2,089,024	164.9	1,266,835	
Rice, cleaned (lbs.).....	116,276,063	92,493,040	61.8	149,570,673	
Buckwheat flour (lbs.).....	6,781,651	5,734,083	121.2	4,732,607	
				114,609	

COMMERCIAL STOCKS OF BEANS NOT INCLUDING RETAIL STOCKS.

The figures given herewith cover dry edible beans of all kinds, including soy beans, which are now being used extensively for food in many sections of the country. The stocks of dry edible beans, together with the quantities in transit, as reported in the Food Survey of July 1, 1918, by commercial concerns other than retail dealers, amounted to 13,451,891 bushels, comprising 12,604,913 bushels in stock and 846,975 bushels in transit. Of the stocks reported as on hand, the wholesale dealers held 72.2 per cent; the elevators and warehouses, 24.4 per cent; the canners, 2.2 per cent; and a miscellaneous group of concerns, 1.2 per cent. The stocks of beans reported as on hand by each of these classes of business and their subclasses are given in the first column of Table 2, while the quantity reported as in transit is shown in the last column of the same table. The relative stocks of beans held by the classes of firms above enumerated are shown in graphic form in Diagram 1.

The number of schedules received and tabulated for beans is given in Table 3.

Table 2.—Stocks of beans reported for July 1, 1918, by manufacturers, storage houses, and wholesale dealers, with comparative figures for July 1, 1917—United States totals.

CLASS OF BUSINESS.	COMPARATIVE FIGURES—FROM FIRMS REPORTING FOR BOTH 1918 AND 1917.				Quantity reported as in transit on July 1, 1918.	
	1918 stocks.		1917 stocks.			
	Quantity.	Per cent of 1917.	Bushels.	Bushels.		
Total.....	Bushels. 12,604,913	Bushels. 9,899,436	147.7	Bushels. 6,704,049	Bushels. 846,975	
Elevators and warehouses.....	3,079,946	2,427,061	176.5	1,374,861	47,381	
Wholesale dealers.....	9,101,475	7,189,211	142.0	5,063,808	794,674	
Wholesale grocers.....	4,712,380	3,773,671	123.2	3,063,211	44,697	
Other wholesale dealers.....	4,389,095	3,415,540	170.7	2,000,597	749,977	
Canners.....	279,256	160,910	103.1	156,109	2,862	
Miscellaneous.....	144,236	122,254	111.9	109,271	2,061	
Seedsmen.....	62,540	59,538	117.5	50,660	167	
Other miscellaneous.....	81,696	62,716	107.0	58,611	1,894	

DIAGRAM 1.—DISTRIBUTION OF TOTAL STOCKS OF BEANS REPORTED FOR JULY 1, 1918, BY STORAGE CONCERNs, WHOLESALE DEALERS, AND MANUFACTURERS.

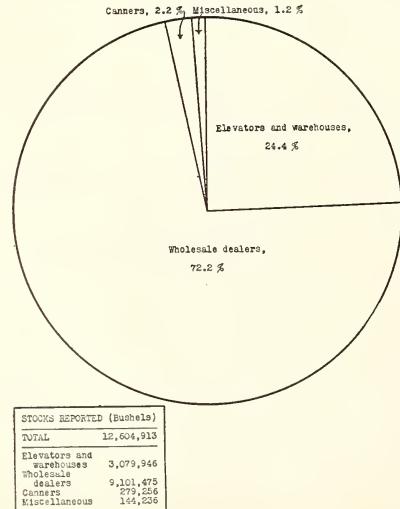


Table 3.—Number of firms (manufacturers, storage houses, and wholesale dealers) reporting beans.

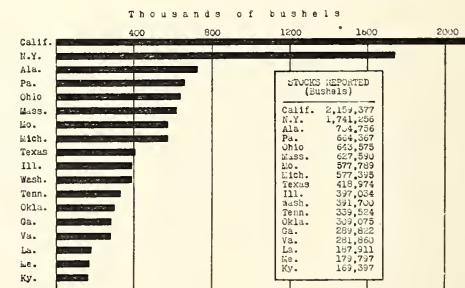
CLASS OF BUSINESS.	Total number of firms reporting.	Firms reporting for both 1918 and 1917.
Total.....	6,629	5,164
Elevators and warehouses.....	822	576
Wholesale dealers:		
Wholesale grocers.....	3,734	2,969
Other wholesale dealers.....	1,365	1,076
Canners.....	78	61
Miscellaneous.....		
Seedsmen.....	630	482
Other miscellaneous.....	240	203
	390	279

Geographic Distribution of Stocks Reported.

The geographic distribution of the stocks of beans covered by this report is shown in Table 4. Among the geographic divisions, the Pacific division led, with 2,567,227 bushels, or more than one-fifth of the total stocks reported for the country. The Middle Atlantic division ranked second, with stocks nearly as large, and the East North Central division ranked third. Among the individual states, California ranked first, with more than 2,100,000 bushels, and New York second, with more than 1,700,000 bushels, the stocks reported by these two states together amounting to almost one-third of the total reported for the country. Diagram 2 shows in graphic form the stocks of beans reported for the eighteen most important states.

The quantities reported as in transit are given by geographic divisions and states in the last column of Table 4.

DIAGRAM 2.—STOCKS OF BEANS REPORTED BY STORAGE CONCERNs, WHOLESALE DEALERS, AND MANUFACTURERS FOR THE EIGHTEEN MOST IMPORTANT STATES.



Comparative Figures for 1918 and 1917.

About four-fifths of the returns, based on the quantity reported, gave information for July 1, 1917, as well as for the date of the Survey. Comparative figures based on these two-year reports are given by classes of business concerns in Table 2, and by geographic divisions and states in Table 5. The figures indicate considerable increases for all the important classes of firms, the aggregate stocks on hand on the date of the Survey amounting to 47.7 per cent more than those reported for a year earlier. The comparative holdings on the two dates are given in graphic form, for all classes of concerns except the miscellaneous group, in Diagram 3.

Table 4.—Stocks of beans reported for July 1, 1918, by storage concerns, wholesale dealers, and manufacturers, by geographic divisions and states.

GEOGRAPHIC DIVISION AND STATE.	STOCKS REPORTED AS ON HAND JULY 1, 1918.									Quantity reported as in transit on July 1, 1918.	
	Total.	Elevators and warehouses.	Wholesale dealers.				Seedsmen.	Canners.	Miscellaneous.		
			Total	Wholesale grocers.	Other wholesale dealers	Bushels.					
United States	Bushels 12,604,913	Bushels. 3,079,946	Bushels. 9,101,475	Bushels. 4,712,380	Bushels. 4,389,095	Bushels. 62,540	Bushels. 279,256	Bushels. 144,236	Bushels. 846,978		
GEOGRAPHIC DIVISIONS:											
New England:	943,611	118,458	794,587	593,250	201,337	10,500	16,682	13,884	2,912		
Middle Atlantic:	2,452,303	738,710	1,649,855	808,030	841,825	7,619	26,390	37,438	21,754		
East North Central:	1,800,766	854,318	801,108	423,034	378,074	12,999	110,388	34,952	42,398		
West North Central:	1,098,782	124,608	949,204	758,541	190,663	7,608	15,648	9,322	8,600		
South Atlantic:	1,155,501	130,528	1,005,267	790,748	214,519	7,445	7,075	12,721	8,462		
East South Central:	1,259,670	149,972	1,107,316	354,222	753,094	1,090	126	2,256	650,694		
West South Central:	1,042,735	140,402	894,837	590,566	304,271	5,702	1,400	6,096	14,028		
Mountain:	284,138	71,013	199,555	171,776	27,779	2,607	230	13,340	3,245		
Pacific:	2,567,227	751,937	1,699,746	222,213	1,477,533	6,970	101,317	14,227	94,885		
NEW ENGLAND:											
Maine	179,797	40,896	122,352	107,235	15,117	182	16,250	299	353		
New Hampshire	22,569	—	22,355	6,511	15,844	131	—	214	292		
Vermont	1,959	2	1,762	1,474	288	20	—	195	132		
Massachusetts	627,590	70,612	544,339	385,930	158,409	9,524	432	12,207	2,037		
Rhode Island	36,783	6,848	29,884	23,273	6,611	—	—	—	16		
Connecticut	74,913	100	73,895	68,827	5,068	643	—	918	82		
MIDDLE ATLANTIC:											
New York	1,741,256	682,812	1,022,537	244,071	778,466	5,297	1,878	34,029	17,594		
New Jersey	46,770	9,722	31,338	10,710	20,628	788	4,911	799	213		
Pennsylvania	664,367	46,176	595,980	553,249	42,731	1,534	19,601	2,610	3,947		
EAST NORTH CENTRAL:											
Ohio	643,575	310,595	322,342	244,735	77,607	1,019	340	1,298	2,288		
Indiana	140,733	19,902	56,510	42,855	13,655	977	63,070	1,251	2,285		
Illinois	397,034	178,471	206,396	119,797	86,590	2,327	8,582	3,585	11,068		
Michigan	577,395	331,717	192,078	9,054	183,024	6,702	28,036	25,564	26,616		
Wisconsin	42,029	4,633	23,782	6,593	17,189	1,974	10,360	3,254	141		
WEST NORTH CENTRAL:											
Minnesota	148,729	6,360	141,899	106,308	35,591	375	—	470	416		
Iowa	133,866	30,391	83,911	80,742	3,169	3,517	15,232	4,332	914		
Missouri	577,789	82,047	494,775	463,036	31,719	838	—	967	6,150		
North Dakota	1,870	—	1,589	1,463	106	247	—	251	36		
South Dakota	691	33	567	463	74	91	—	91	—		
Nebraska	152,757	3,456	148,771	38,720	110,051	106	416	114	50		
Kansas	83,100	2,321	77,682	67,819	9,863	2,434	—	3,097	1,034		
SOUTH ATLANTIC:											
Delaware	7,643	—	7,615	7,087	528	28	—	28	10		
Maryland	111,114	47,557	56,004	35,228	20,776	480	7,073	480	157		
District of Columbia	22,659	5,802	16,857	3,169	13,688	—	—	—	—		
Virginia	281,860	6,137	270,536	232,930	37,606	5,167	2	5,185	2,441		
West Virginia	148,431	—	147,888	136,089	11,799	8	—	543	5,288		
North Carolina	144,866	178	139,107	129,751	9,356	105	—	4,801	288		
South Carolina	50,379	1,974	48,153	44,314	3,839	232	—	232	31		
Georgia	289,822	68,811	230,296	134,438	83,838	715	—	715	66		
Florida	99,597	69	98,811	67,722	31,089	690	—	717	181		
EAST SOUTH CENTRAL:											
Kentucky	169,397	5,183	162,227	153,882	8,345	715	126	1,861	412		
Tennessee	339,524	112,714	196,788	177,199	19,589	20	—	22	130		
Alabama	734,756	2,075	732,319	11,828	720,491	355	—	362	650,152		
Mississippi	15,993	—	15,982	11,313	4,669	—	—	11	—		
WEST SOUTH CENTRAL:											
Arkansas	126,775	—	126,591	44,564	82,027	11	—	184	61		
Louisiana	187,911	89,199	93,660	60,663	32,097	4,871	—	5,052	2,515		
Oklahoma	309,075	2,101	306,754	174,664	132,000	188	—	220	10,630		
Texas	418,974	49,192	367,832	310,675	57,157	632	1,400	640	822		
mountain:											
Montana	21,215	772	20,050	10,523	9,527	—	—	393	13		
Idaho	36,496	9,068	25,235	24,906	329	705	—	2,193	25		
Wyoming	11,070	—	10,257	9,888	369	—	—	813	3		
Colorado	135,099	58,718	68,382	62,274	6,108	1,708	55	7,944	1,022		
New Mexico	29,443	616	28,777	28,270	507	50	—	50	2,065		
Arizona	33,439	1,839	29,797	21,172	8,625	—	—	1,803	105		
Utah	16,429	—	16,110	14,175	1,935	144	175	144	12		
Nevada	947	—	947	508	379	—	—	—	—		
PACIFIC:											
Washington	391,700	241,517	147,860	43,542	104,318	225	—	2,323	10,780		
Oregon	16,150	1,100	14,334	12,936	1,398	603	—	716	99		
California	2,159,377	509,320	1,537,552	165,735	1,371,817	6,142	101,317	11,188	84,006		

DIAGRAM 3.—STOCKS OF BEANS REPORTED FOR JULY 1, 1918, AND JULY 1, 1917, BY IMPORTANT CLASSES OF BUSINESS.

	MILLIONS OF bushels						
	1	2	3	4	5	6	7
Elevators and warehouses							
Wholesale dealers							
Canners							
	1918	1917					
	STOCKS REPORTED (Bushels)						
		1918	1917				
TOTAL	9,899,436	6,704,549					
Elevators and warehouses	2,427,061	1,374,661					
Wholesale dealers	7,189,211	5,065,808					
Canners	160,910	156,109					

Table 5.—Comparative figures for beans—combined stocks of storage concerns, wholesale dealers, and manufacturers, by geographic divisions and states.

GEOGRAPHIC DIVISION AND STATE.	Stocks reported for July 1, 1918.	Stocks reported for July 1, 1917.
United States.	Bushels, 9,899,436	Bushels, 6,704,049
GEOGRAPHIC DIVISIONS:		
New England.....	808,456	381,111
Middle Atlantic.....	1,551,891	1,467,705
East North Central.....	1,456,034	1,243,352
West North Central.....	862,887	1,124,588
South Atlantic.....	915,306	500,849
East South Central.....	1,210,394	487,559
West South Central.....	771,833	594,753
Mountain.....	247,181	172,542
Pacific.....	2,075,454	1,511,590
NEW ENGLAND:		
Maine.....	175,227	111,934
New Hampshire.....	21,087	12,589
Vermont.....	659	521
Massachusetts.....	552,201	216,642
Rhode Island.....	12,875	10,255
Connecticut.....	46,407	29,170
MIDDLE ATLANTIC:		
New York.....	1,147,889	1,203,564
New Jersey.....	34,337	38,294
Pennsylvania.....	369,665	255,847
EAST NORTH CENTRAL:		
Ohio.....	616,182	233,616
Indiana.....	97,752	72,704
Illinois.....	275,497	563,406
Michigan.....	438,420	362,215
Wisconsin.....	28,183	11,411
WEST NORTH CENTRAL:		
Minnesota.....	145,212	24,748
Iowa.....	66,275	57,377
Missouri.....	459,075	917,727
North Dakota.....	1,538	763
South Dakota.....	443	320
Nebraska.....	117,431	70,340
Kansas.....	72,913	53,313
SOUTH ATLANTIC:		
Delaware.....	7,559	4,325
Maryland.....	94,661	101,739
District of Columbia.....	16,777	3,968
Virginia.....	239,680	83,925
West Virginia.....	139,683	85,021
North Carolina.....	111,779	8,146
South Carolina.....	46,260	34,343
Georgia.....	184,543	139,016
Florida.....	74,164	40,366
EAST SOUTH CENTRAL:		
Kentucky.....	149,280	28,448
Tennessee.....	315,735	61,619
Alabama.....	733,172	389,424
Mississippi.....	12,207	8,068
WEST SOUTH CENTRAL:		
Arkansas.....	55,069	38,654
Louisiana.....	144,991	201,228
Oklahoma.....	285,218	140,306
Texas.....	286,555	214,565
MOUNTAIN:		
Montana.....	10,265	6,736
Idaho.....	36,181	14,934
Wyoming.....	4,471	1,477
Colorado.....	129,103	64,529
New Mexico.....	19,747	14,893
Arizona.....	30,138	39,877
Utah.....	16,429	29,584
Nevada.....	947	512
PACIFIC:		
Washington.....	235,095	61,933
Oregon.....	14,078	15,298
California.....	1,826,281	654,359

COMMERCIAL STOCKS OF PEAS AND LENTILS

NOT INCLUDING RETAIL STOCKS.

The commercial stocks of peas and lentils (including all dried peas, except cow peas), together with the quantities in transit, as reported in the Food Survey of July 1, 1918, by classes of concerns other than retail dealers, amounted to 2,505,072 bushels. Of this total, the stocks on hand represented 2,397,124 bushels and the quantity in transit 107,948 bushels. The wholesale dealers held 58.4 per cent of the total stocks of peas and lentils reported; the elevators and warehouses, 27.7 per cent; the seedsmen, 4.6 per cent; the canners, 0.8 per cent; and a miscellaneous group of firms, 8.5 per cent. The stocks reported as on hand by each of these classes of business are shown in the first column of Table 6, and the quantity reported as in transit in the last column. The relative stocks held by the various classes of firms reporting are shown in graphic form in Diagram 4.

The number of schedules received and tabulated for peas and lentils is given, by classes of business, in Table 8.

Table 6.—Stocks of peas and lentils reported for July 1, 1918, by storage concerns, wholesale dealers, and manufacturers, with comparative figures for July 1, 1917—United States totals.

CLASS OF BUSINESS.	Total stocks reported as on hand July 1, 1918.	COMPARATIVE FIGURES—FROM FIRMS REPORTING FOR BOTH 1918 AND 1917.		Quantity reported as in transit on July 1, 1918.
		1918 stocks.	1917 stocks.	
Total	Bushels, 2,397,124	Bushels, 1,475,497	180,1	Bushels, 819,444
Elevators and warehouses.....	664,140	352,916	313,6	122,095
Wholesale dealers.....	1,400,178	828,909	138,5	598,476
Wholesale grocers.....	662,811	555,708	176,4	315,094
Other wholesale dealers.....	737,367	273,201	96,4	283,382
Seedsmen.....	110,506	106,436	210,3	50,618
Canners.....	19,732	14,726	81,0	18,185
Miscellaneous.....	202,568	142,510	473,9	30,070

DIAGRAM 4.—DISTRIBUTION OF TOTAL STOCKS OF PEAS AND LENTILS REPORTED FOR JULY 1, 1918, BY STORAGE CONCERNs, WHOLESALE DEALERS, AND MANUFACTURERS.

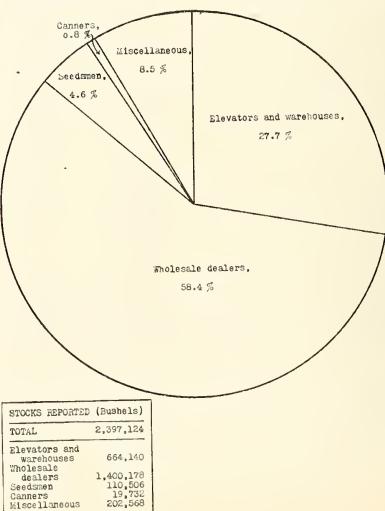


Table 7.—Stocks of peas and lentils reported for July 1, 1918, by storage concerns, wholesale dealers, and manufacturers, by geographic divisions and states.

GEOGRAPHIC DIVISION AND STATE.	STOCKS REPORTED AS ON HAND JULY 1, 1918.								Quantity reported as in transit on July 1, 1918.	
	Total.	Elevators and warehouses.	Wholesale dealers.			Seedsman.	Canners.	Miscellaneous.		
			Total	Wholesale grocers.	Other wholesale dealers.					
United States	Bushels, 2,397,124	Bushels, 664,140	Bushels, 1,400,178	Bushels, 662,811	Bushels, 737,367	Bushels, 110,506	Bushels, 19,732	Bushels, 202,568	Bushels, 107,948	
GEOGRAPHIC DIVISIONS:										
New England	129,893	33,985	92,861	85,656	7,205	2,886	—	161	378	
Middle Atlantic	763,752	180,045	538,147	117,820	420,327	12,766	4,417	28,377	83,507	
East North Central	224,148	25,827	66,143	43,811	22,332	51,401	4,715	76,065	4,284	
West North Central	205,741	55,577	135,506	130,259	5,977	14,555	—	953	528	
South Atlantic	515,702	234,482	270,977	147,163	123,841	9,853	2,862	329	672	
East South Central	85,529	4,302	80,716	40,949	39,767	399	—	22	41	
West South Central	195,388	22,786	170,231	77,294	92,037	1,458	—	913	399	
Mountain	22,508	2,571	3,578	3,293	285	6,327	7,508	2,524	2,510	
Pacific	254,663	107,658	42,189	16,566	25,623	11,361	230	93,225	15,629	
NEW ENGLAND:										
Maine	30,835	2,342	28,135	28,067	68	358	—	—	27	
New Hampshire	4,774	—	4,302	3,776	526	446	—	—	204	
Vermont	4,345	—	11	4,334	4,141	193	—	—	83	
Massachusetts	36,633	4,912	30,656	24,550	6,106	942	—	123	33	
Rhode Island	44,963	26,720	18,322	17,587	305	—	—	1	31	
Connecticut	8,343	—	7,192	7,185	7	1,140	—	—	11	
MIDDLE ATLANTIC:										
New York	644,729	126,453	478,876	83,649	395,227	7,887	3,662	27,851	4,345	
New Jersey	8,115	1,258	6,214	3,229	2,985	451	191	1	—	
Pennsylvania	110,908	52,334	53,057	30,942	22,115	4,428	564	525	79,162	
EAST NORTH CENTRAL:										
Ohio	9,126	2,280	6,001	5,776	225	704	113	28	8	
Indiana	6,750	—	2,054	1,999	55	354	42	4,296	—	
Illinois	92,670	4,665	25,102	22,473	2,629	4,699	545	57,659	441	
Michigan	36,782	1,756	14,830	5,964	8,866	7,008	—	13,188	3,220	
Wisconsin	78,820	17,119	18,156	7,399	10,537	38,636	4,015	894	615	
WEST NORTH CENTRAL:										
Minnesota	166,297	54,953	102,997	101,142	1,855	8,234	—	23	40	
Iowa	4,200	22	1,759	1,749	10	2,419	—	—	9	
Missouri	29,677	104	28,226	25,034	3,192	417	—	930	371	
North Dakota	278	—	183	183	—	95	—	—	5	
South Dakota	261	151	42	39	3	68	—	—	99	
Nebraska	2,007	150	1,340	1,332	8	517	—	—	4	
Kansas	3,111	17	789	780	9	2,305	—	—	—	
SOUTH ATLANTIC:										
Delaware	870	—	855	836	19	15	—	—	—	
Maryland	39,567	29,226	2,930	2,007	923	4,549	2,862	—	60	
District of Columbia	5,013	4,583	430	430	—	—	—	—	—	
Virginia	81,794	6,628	70,641	61,437	9,204	4,524	—	1	122	
West Virginia	1,942	—	1,938	1,938	—	4	—	—	23	
North Carolina	7,159	780	6,341	5,371	970	38	—	—	33	
South Carolina	28,059	1,879	26,083	22,063	4,020	93	—	4	129	
Georgia	324,268	186,872	136,902	34,084	102,818	489	—	5	186	
Florida	26,830	1,514	24,857	18,997	5,860	141	—	318	119	
EAST SOUTH CENTRAL:										
Kentucky	3,861	1,173	2,567	1,398	1,160	121	—	—	—	
Tennessee	18,429	476	17,953	12,457	5,496	—	—	—	18	
Alabama	43,165	2,743	40,128	9,542	30,586	278	—	16	21	
Mississippi	20,074	—	20,068	17,552	2,516	—	—	6	2	
WEST SOUTH CENTRAL:										
Arkansas	83,980	60	83,914	7,248	76,666	—	—	6	11	
Louisiana	50,467	18,243	30,918	21,473	9,445	460	—	846	266	
Oklahoma	25,251	850	23,988	23,310	678	402	—	11	7	
Texas	35,690	3,633	31,411	25,263	6,148	596	—	50	115	
MOUNTAIN:										
Montana	1,682	9	1,149	1,149	—	402	120	2	2,508	
Idaho	3,610	—	188	112	76	2,349	—	1,073	—	
Wyoming	23	—	23	23	—	—	—	—	—	
Colorado	13,499	2,450	1,598	1,588	10	3,027	4,975	1,449	2	
New Mexico	57	—	42	42	—	15	—	—	—	
Arizona	122	—	122	113	9	—	—	—	—	
Utah	3,512	112	453	263	190	534	2,413	—	—	
Nevada	3	—	3	3	—	—	—	—	—	
PACIFIC:										
Washington	194,587	94,807	9,866	6,909	2,867	1,758	—	88,156	1,495	
Oregon	7,039	1,537	2,074	1,384	690	1,098	—	2,330	4	
California	53,037	11,314	30,249	8,183	22,066	8,505	280	2,739	14,130	

Table 8.—Number of firms (storage concerns, wholesale dealers, and manufacturers) reporting peas and lentils.

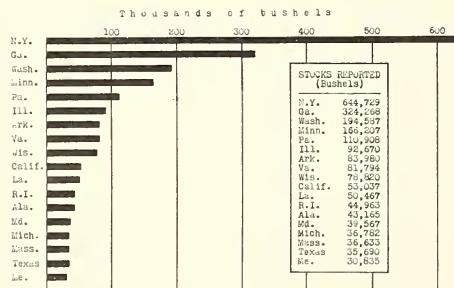
CLASS OF BUSINESS.	Total number of firms reporting.	Firms reporting for both 1918 and 1917.
Total	3,642	2,822
Elevators and warehouses	245	164
Wholesale dealers	2,977	2,323
Wholesale grocers	2,473	1,952
Other wholesale dealers	504	371
Seedsmen	222	192
Canners	54	42
Miscellaneous	144	101

Geographic Distribution of Stocks Reported.

The geographic distribution of the stocks of peas and lentils reported by commercial concerns other than retail dealers is shown in Table 7. The Middle Atlantic division ranked first among the geographic divisions, reporting nearly one-third of the total, the South Atlantic division second, the Pacific division third, and the East North Central division fourth. Among the individual states, New York stood first, with 644,729 bushels, or more than one-fourth of the total for the country. Georgia ranked second, Washington third, Minnesota fourth, and Pennsylvania fifth. Diagram 5 shows in graphic form the stocks reported for the eighteen most important states.

The quantities reported as in transit are given by geographic divisions and states in the last column of Table 7.

DIAGRAM 5.—STOCKS OF PEAS AND LENTILS REPORTED BY STORAGE CONCERN, WHOLESALE DEALERS, AND MANUFACTURERS FOR THE EIGHTEEN MOST IMPORTANT STATES.



Comparative Figures for 1918 and 1917.

Nearly two-thirds of the returns, based on the quantity reported, gave information for July 1, 1917, as well as for July 1, 1918. Comparative figures based on these two-year reports are given by classes of business in Table 6, and by geographic divisions and states in Table 9. The figures indicate an increase of 80.1 per cent in the aggregate stocks on hand on the date of the Survey, as compared with those reported by the same concerns one year earlier. The seedsmen reported stocks of peas and lentils for July 1, 1918, more than twice as large as their holdings on July 1, 1917, and elevators and warehouses reported stocks more than three times as large as those which they held on July 1, 1917. The stocks reported for the two dates by all classes of concerns except the miscellaneous group are represented in graphic form in Diagram 6.

DIAGRAM 6.—STOCKS OF PEAS AND LENTILS REPORTED FOR JULY 1, 1918, AND JULY 1, 1917, BY IMPORTANT CLASSES OF BUSINESS.

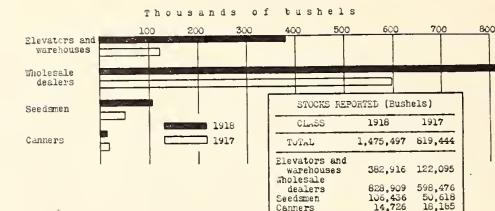


Table 9.—Comparative figures for peas and lentils—combined stocks of storage concerns, wholesale dealers, and manufacturers, by geographic divisions and states.

GEOGRAPHIC DIVISION AND STATE.	Stocks reported for July 1, 1918.	Stocks reported for July 1, 1917.
	Bushels, 1,475,497	Bushels, 819,444
United States		
GEOGRAPHIC DIVISIONS:		
New England	90,865	67,614
Middle Atlantic	337,626	352,164
East North Central	140,392	74,445
West North Central	193,362	63,659
South Atlantic	297,591	127,336
East South Central	75,450	24,613
West South Central	98,009	59,622
Mountain	21,776	17,435
Pacific	220,426	32,556
NEW ENGLAND:		
Maine	30,392	26,002
New Hampshire	4,028	2,736
Vermont	1,451	559
Massachusetts	30,637	23,759
Rhode Island	17,718	8,228
Connecticut	6,639	6,330
MIDDLE ATLANTIC:		
N.Y.	230,835	323,197
New Jersey	5,625	5,385
Pennsylvania	101,166	23,582
EAST NORTH CENTRAL:		
Ohio	8,159	6,445
Indiana	5,703	2,026
Illinois	31,149	36,187
Michigan	35,498	14,220
Wisconsin	59,883	15,567
WEST NORTH CENTRAL:		
Minnesota	150,261	49,186
Iowa	4,029	3,018
Missouri	25,190	6,933
North Dakota	245	190
South Dakota	190	199
Nebraska	1,964	1,252
Kansas	2,483	2,881
SOUTH ATLANTIC:		
Delaware	341	190
Maryland	35,236	13,451
District of Columbia	4,301	45
Virginia	77,247	24,269
West Virginia	1,762	5,210
North Carolina	6,395	916
South Carolina	25,495	18,999
Georgia	127,247	53,179
Florida	19,367	11,077
EAST SOUTH CENTRAL:		
Kentucky	3,839	4,098
Tennessee	14,649	8,360
Alabama	39,063	8,144
Mississippi	17,899	4,011
WEST SOUTH CENTRAL:		
Arkansas	14,319	8,553
Louisiana	36,908	29,806
Oklahoma	17,774	470
Texas	29,008	20,793
MOUNTAIN:		
Montana	1,299	917
Idaho	3,586	3,567
Wyoming	7	14
Colorado	13,236	11,384
New Mexico	24	37
Arizona	114	218
Utah	3,507	1,294
Nevada	3	4
PACIFIC:		
Washington	185,405	7,523
Oregon	7,019	4,497
California	28,002	20,536

COMMERCIAL STOCKS OF GRAIN SORGHUMS (KAFIR, MILO, ETC.)

NOT INCLUDING RETAIL STOCKS.

The commercial stocks of grain sorghums (kafir corn, milo maize, etc.) reported as on hand and in transit, in the Food Survey of July 1, 1918, by classes of business concerns other than retail dealers, amounted to 3,014,012 bushels, the stocks on hand being 2,979,934 bushels, and the quantities in transit 34,078 bushels. Of the total stocks on hand, the elevators and warehouses held 53.8 per cent; the grain mills, 12.5 per cent; the wholesale dealers, 20.1 per cent; and a miscellaneous group, 13.6 per cent. The stocks reported by each of these classes of firms are shown in the first column of Table 10, and the quantities in transit in the last column. The relative stocks held by the several classes are shown in graphic form in Diagram 7.

The number of schedules received and tabulated for grain sorghums is shown, by classes of business, in Table 11.

Table 10.—Stocks of grain sorghums (kafir, milo, etc.) reported for July 1, 1918, by storage concerns, wholesale dealers, and manufacturers, with comparative figures for July 1, 1917—United States totals.

CLASS OF BUSINESS.	Total stocks reported as on hand July 1, 1918.	COMPARATIVE FIGURES FROM FIRMS REPORTING FOR BOTH 1918 AND 1917.				Quantity reported as in transit on July 1, 1918.	
		1918 stocks.		Bushels. 1,266,835	Bushels. 34,078		
		Quantity.	Per cent of 1917.				
Total	Bushels. 2,979,934	Bushels. 2,089,024	164.9				
Elevators and warehouses	1,602,138	980,523	124.2	789,753		19,619	
Grain mills	373,517	215,961	154.8	139,520		4,767	
Wholesale dealers	599,657	509,033	268.7	189,472		7,851	
Miscellaneous	404,622	383,507	259.0	148,090		1,841	
Cereal food manufacturers	155,935	155,275	216.0	71,665			
Other miscellaneous	248,687	228,233	298.6	76,425			
						I,841	

DIAGRAM 7.—DISTRIBUTION OF TOTAL STOCKS OF GRAIN SORGHUMS (KAFIR, MILO, ETC.) REPORTED FOR JULY 1, 1918, BY STORAGE CONCERNs, MANUFACTURERS, AND WHOLESALE DEALERS.

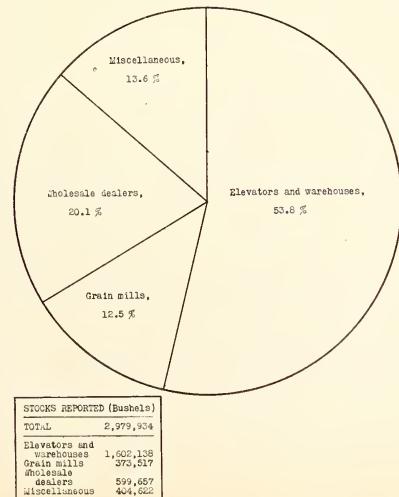


Table 11.—Number of firms (storage concerns, wholesale dealers, and manufacturers) reporting grain sorghums (kafir, milo, etc.).

CLASS OF BUSINESS.	Total number of firms reporting.	Firms reporting for both 1918 and 1917.
Total	1,403	1,076
Warehouses and elevators	464	333
Grain mills	173	138
Wholesale dealers	569	447
Miscellaneous	197	158
Cereal food manufacturers	7	6
Other miscellaneous	190	152

Table 12.—Stocks of grain sorghums (kafir, milo, etc.) reported for July 1, 1918, by storage concerns, wholesale dealers, and manufacturers, with comparative figures for July 1, 1917, by geographic divisions and states.

GEOGRAPHIC DIVISION AND STATE.	Total stocks reported as on hand July 1, 1918.	COMPARATIVE FIGURES—FROM FIRMS REPORTING FOR BOTH 1918 AND 1917.		Quantity reported as in transit on July 1, 1918.
		1918 stocks.	1917 stocks.	
United States	Bushels. 2,979,934	Bushels. 2,089,024	Bushels. 1,266,835	Bushels. 34,078
GEOGRAPHIC DIVISIONS:				
New England	37,025	34,951	14,332	510
Middle Atlantic	176,052	80,316	65,781	3,558
East North Central	570,038	189,656	81,868	1,645
West North Central	796,941	639,602	620,208	12,344
South Atlantic	22,523	19,301	10,786	1,295
East South Central	93,861	89,036	32,974	20
West South Central	714,122	611,622	253,067	8,655
Mountain	145,377	37,604	7,861	1,160
Pacific	423,995	386,936	176,955	4,891
NEW ENGLAND:				
Maine	1,513	1,500	500	
New Hampshire	30	30		
Vermont	16,954	16,954	6,990	500
Massachusetts	10,369	9,361	4,778	
Rhode Island	3,521	3,521		
Connecticut	4,638	3,585	2,064	10
MIDDLE ATLANTIC:				
New York	143,458	50,798	44,020	154
New Jersey	7,672	6,855	3,094	
Pennsylvania	24,922	22,663	21,667	3,404
EAST NORTH CENTRAL:				
Ohio	65,342	62,761	64,630	
Indiana	5,684	5,533	1,323	
Illinois	492,307	114,824	12,318	1,615
Michigan	2,429	2,356	3,296	
Wisconsin	4,276	4,182	301	30
WEST NORTH CENTRAL:				
Minnesota	58,838	51,707	1,907	
Iowa	98,809	95,766	24,357	
Missouri	408,271	344,404	63,781	1,732
North Dakota	315	200	290	655
South Dakota	3,102	797	94	
Nebraska	16,444	14,362	7,668	600
Kansas	211,162	129,366	523,111	9,357
SOUTH ATLANTIC:				
Delaware	41	41	20	
Maryland	5,302	5,152	5,439	270
District of Columbia				
Virginia	4,810	4,768	1,788	
West Virginia	1,080	80	90	
North Carolina	1,263	983	5	1,000
South Carolina	308	306	169	
Georgia	7,742	6,610	3,153	25
Florida	1,377	1,361	122	
EAST SOUTH CENTRAL:				
Kentucky	35,037	34,750	4,956	
Tennessee	11,234	8,391	3,872	20
Alabama	44,131	43,511	23,640	
Mississippi	3,159	2,384	506	
WEST SOUTH CENTRAL:				
Arkansas	4,281	2,952	80	
Louisiana	2,816	2,807	2,257	
Oklahoma	148,975	95,144	65,864	5,506
Texas	558,047	510,719	184,866	3,149
MOUNTAIN:				
Montana	660		25	
Idaho	1,439	1,380	503	
Wyoming		5		
Colorado	13,735	13,074	1,333	
New Mexico	6,420	4,029	717	250
Arizona	123,031	19,010	5,219	910
Utah	107	106	64	
Nevada				
PACIFIC:				
Washington	43,653	43,646	58,914	
Oregon	3,539	3,539	1,109	
California	376,803	339,751	116,935	4,891

Geographic Distribution of Stocks Reported.

The stocks reported from each geographic division and state are given in Table 12. More than four-fifths of the stocks of this commodity reported were held in three geographic divisions, namely, the West North Central, the West South Central, and the East North Central. Texas ranked first among the states, Illinois second, Missouri third, California fourth, and Kansas fifth.

The quantities of grain sorghum reported as in transit are given by geographic divisions and states in the last column of Table 12.

Comparative Figures for 1918 and 1917.

About seven-tenths of the returns, based on the quantity reported, gave information for July 1, 1917, as well as for July 1, 1918. Comparative figures based on these two-year reports are given by classes of business in Table 10, and by geographic divisions and states in Table 12. These figures show that the stocks of all classes of firms reporting were much larger on the date of the Survey than they were one year earlier, the increase in aggregate stocks amounting to 64.9 per cent. The wholesale dealers and the miscellaneous group of firms reported stocks for July 1, 1918, more than two and one-half times larger than those held by the same concerns one year earlier.

COMMERCIAL STOCKS OF CLEANED RICE

NOT INCLUDING RETAIL STOCKS.

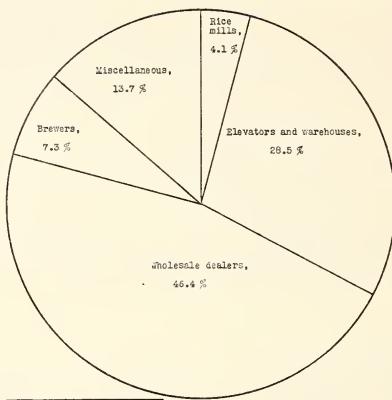
The commercial stocks of cleaned or milled rice, together with the quantities in transit, as reported in the Food Survey of July 1, 1918, by concerns other than retail dealers, amounted to 157,513,526 pounds, comprising 116,276,033 pounds in stock and 41,237,493 pounds in transit. Of this amount, the rice mills held 4.1 per cent; the elevators and warehouses, 28.5 per cent; the wholesale dealers, 46.4 per cent; the brewers, 7.3 per cent; and a miscellaneous group the remaining 13.7 per cent. The stocks reported by each of these classes of concerns are given in the first column of Table 13, and the quantities in transit in the last column. The relative quantities reported by the several classes are shown in graphic form in Diagram 8.

The number of reports received and tabulated for cleaned or milled rice is shown in Table 14.

Table 13.—Stocks of cleaned rice reported for July 1, 1918, by manufacturers, storage houses, and wholesale dealers, with comparative figures for July 1, 1917—United States totals.

CLASS OF BUSINESS.	Total stocks reported as on hand July 1, 1918.	COMPARATIVE FIGURES—FROM FIRMS REPORTING FOR BOTH 1918 AND 1917.		Quantity reported as in transit on July 1, 1918.	
		1918 stocks.			
		Quantity.	Per cent of 1917.		
Total.....	Pounds. 116,276,033	Pounds. 92,493,940	61.8	Pounds. 149,570,673	
Rice mills.....	4,781,161	4,777,861	47.0	10,171,582	
Elevators and warehouses.....	33,117,521	25,570,036	73.5	34,795,290	
Wholesale dealers.....	54,018,408	43,243,609	54.6	79,135,573	
Wholesale grocers.....	39,706,093	34,098,568	61.4	55,544,672	
Other wholesale dealers.....	14,312,313	9,145,041	38.8	23,590,901	
Brewers.....	8,474,998	8,426,998	51.1	16,483,875	
Miscellaneous.....	15,883,945	10,474,536	116.6	8,984,353	
Bakers.....	4,948,546	2,273,072	56.08	3,49,268	
Grain mills.....	4,870,838	2,188,815	129.9	1,685,361	
Cereal food manufacturers.....	4,322,195	4,317,995	83.6	5,165,515	
Other miscellaneous.....	1,742,366	1,694,654	95.0	1,784,209	

DIAGRAM 8.—DISTRIBUTION OF TOTAL STOCKS OF CLEANED RICE REPORTED FOR JULY 1, 1918, BY MANUFACTURERS, STORAGE HOUSES, AND WHOLESALE DEALERS.



STOCKS REPORTED (Pounds)	
TOTAL	116,276,033
Rice mills	4,781,161
Elevators and warehouses	33,117,521
Wholesale dealers	54,018,408
Brewers	8,474,998
Miscellaneous	15,883,945

Table 14.—Number of firms (manufacturers, storage houses, and wholesale dealers) reporting cleaned rice.

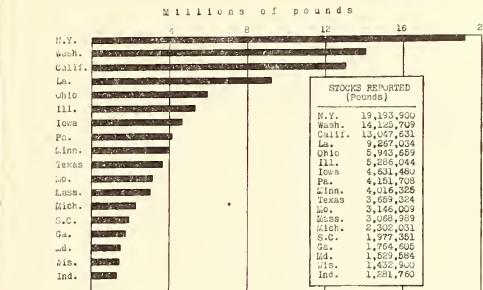
CLASS OF BUSINESS.	Total number of firms reporting.	Firms reporting for both 1918 and 1917.
Total.....	7,470	5,218
Rice mills.....	22	19
Elevators and warehouses.....	490	248
Wholesale dealers.....	5,083	4,058
Wholesale grocers.....	4,015	3,248
Other wholesale dealers.....	1,068	810
Brewers.....	105	104
Miscellaneous.....	1,770	789
Bakers.....	1,351	539
Grain mills.....	191	83
Cereal food manufacturers.....	62	49
Other miscellaneous.....	166	116

Geographic Distribution of Stocks Reported.

The stocks of cleaned rice reported from each geographic division and state are given, by classes of business, in Table 15. The Pacific and the Middle Atlantic divisions each reported nearly one-fourth of the total stocks for the country, the two together holding slightly more than 45 per cent of the total. The East North Central division ranked third, the West South Central division fourth, and the West North Central division fifth, each reporting about one-eighth of the total. Among the individual states, New York ranked first, Washington second, California third, and Louisiana fourth. Diagram 9 shows in graphic form the stocks reported for the eighteen most important states.

The quantities reported as in transit are given by geographic divisions and states in the last column of Table 15.

DIAGRAM 9.—STOCKS OF CLEANED RICE REPORTED BY MANUFACTURERS, STORAGE HOUSES, AND WHOLESALE DEALERS FOR THE EIGHTEEN MOST IMPORTANT STATES.



Comparative Figures for 1918 and 1917.

About four-fifths of the returns, based on the quantity reported, gave information for July 1, 1917, as well as for July 1, 1918. Comparative figures based on these two-year reports are given by classes of business in Table 13, and by geographic divisions and states in Table 16. These figures indicate that the total stocks of cleaned rice on hand on the date of the Survey were only 61.8 per cent of those held by the same firms one year earlier. All classes of business except the millers and the bakers (shown as subdivisions of the miscellaneous group) showed heavy decreases in their stocks of this commodity, the rice mills reporting only 47.0 per cent of their 1917 stocks and the wholesale dealers as a group reporting only 51.6 per cent of their holdings on July 1, 1917. On the other hand, the millers reported stocks 29.9 per cent larger than in 1917, and bakers reported stocks more than six times as large as those held a year earlier. The stocks reported for the two dates are shown in graphic form, for each class of firms except the miscellaneous group, in Diagram 10.

Table 15.—Stocks of cleaned rice reported for July 1, 1918, by manufacturers, storage houses, and wholesale dealers, by geographic divisions and states.

GEOGRAPHIC DIVISION AND STATE	STOCKS REPORTED AS ON HAND JULY 1, 1918.							Quantity reported as in transit on July 1, 1918.	
	Total.	Wholesale dealers.		Brewers.	Miscellaneous.				
		Rice mills.	Elevators and warehouses.		Total.	Wholesale grocers.			
United States	Pounds. 116,276,033	Pounds. 4,781,161	Pounds. 33,117,521	Pounds. 54,018,408	Pounds. 39,706,095	Pounds. 14,312,313	Pounds. 8,474,998	Pounds. 15,883,945	Pounds. 41,237,493
GEOGRAPHIC DIVISIONS:									
New England	5,111,342		640,322	3,252,353	2,661,042	621,311	202,124	896,443	45,347
Middle Atlantic	24,430,219	104,000	8,232,046	11,585,709	5,240,152	6,345,557	1,352,052	3,156,412	24,139
East North Central	16,246,394		865,368	7,909,248	7,149,466	759,782	3,000,431	4,471,347	375,939
West North Central	13,628,438		1,544,976	7,116,960	6,612,516	504,444	957,850	4,008,652	326,962
South Atlantic	8,841,522	300	644,825	7,445,492	5,853,287	1,592,205	427,630	323,275	385,809
East South Central	3,162,969		291,000	2,348,505	1,617,193	731,312	431,090	92,374	280,780
West South Central	14,223,130	1,757,180	4,770,134	7,292,843	5,251,321	2,041,522	136,525	266,448	5,157,100
Mountain	2,700,940		253,804	2,156,616	2,052,814	103,802	13,920	276,600	25,077
Pacific	27,931,179	2,919,681	15,875,046	4,880,682	3,268,304	1,612,378	1,863,376	2,392,394	34,398,870
NEW ENGLAND:									
Maine	489,932		18,600	460,182	410,964	49,218	—	2,150	3,625
New Hampshire	277,662		300	249,742	220,831	28,911	—	27,620	4,779
Vermont	131,279		627	70,477	68,977	1,500	—	60,175	1,200
Massachusetts	3,068,989		374,288	1,922,501	1,650,346	272,155	186,084	586,116	22,743
Rhode Island	713,474		245,397	306,009	132,533	173,476	59,040	103,118	300
Connecticut	438,906		1,200	273,442	177,391	96,051	47,000	117,264	12,700
MIDDLE ATLANTIC:									
New York	19,193,900	104,000	7,436,081	8,546,581	3,208,128	5,338,453	1,210,671	1,896,567	148,203
New Jersey	1,084,611		20,800	412,588	235,976	176,612	80,492	651,223	4,760
Pennsylvania	4,151,708		775,165	2,626,540	1,796,048	141,581	—	608,622	88,626
EAST NORTH CENTRAL:									
Ohio	5,943,659		8,167	1,925,516	1,657,686	267,830	1,445,632	2,564,344	33,181
Indiana	1,281,760		88,129	748,451	664,142	84,309	2,200	442,980	6,931
Illinois	5,286,044		627,223	2,605,214	2,349,036	256,178	962,433	1,091,174	244,267
Michigan	2,302,031		98,557	1,879,956	1,808,634	71,322	2,640	320,878	77,150
Wisconsin	1,432,900		43,292	750,111	669,968	80,143	587,526	51,971	14,430
WEST NORTH CENTRAL:									
Minnesota	4,016,325		637,447	1,467,651	1,388,972	78,679	693,956	1,217,271	141,356
Iowa	4,631,480		118,992	2,285,041	2,055,099	229,942	—	2,227,447	30,757
Missouri	3,146,039		718,542	1,729,638	1,604,202	125,436	263,894	435,935	129,730
North Dakota	233,977		4,379	216,641	190,440	26,195	—	12,647	6,024
South Dakota	169,366		4,261	162,424	128,516	33,568	—	2,675	—
Nebraska	637,455		1,214	598,377	593,293	5,084	—	37,868	7,200
Kansas	794,135		60,141	637,188	631,958	5,200	—	76,809	11,875
SOUTH ATLANTIC:									
Delaware	16,762		16,162	15,140	1,022	—	600	650	—
Maryland	1,529,584		385,900	689,614	265,829	423,785	427,630	26,440	4,285
District of Columbia	288,956		69,250	156,190	106,356	49,834	—	63,516	—
Virginia	665,290		102,000	515,216	432,604	82,612	—	51,074	79,410
West Virginia	965,718		917,458	745,580	171,878	—	48,260	18,374	—
North Carolina	532,740		529,775	469,403	60,372	—	2,965	12,453	—
South Carolina	1,977,351	300	43,700	1,930,851	1,569,976	360,575	—	2,800	51,100
Georgia	1,764,605	45,975	1,597,136	1,313,420	283,716	—	123,194	48,225	—
Florida	1,097,516		1,098,090	934,979	158,111	—	4,426	171,312	—
EAST SOUTH CENTRAL:									
Kentucky	1,067,858		559,332	220,367	338,965	431,090	77,436	11,725	—
Tennessee	938,178	291,000	644,069	426,899	217,170	—	—	3,109	259,918
Alabama	730,919		724,194	579,789	144,315	—	6,725	7,437	—
Mississippi	426,014		420,910	390,948	30,862	—	5,104	1,700	—
WEST SOUTH CENTRAL:									
Arkansas	463,722		105	252,860	241,400	11,460	13,920	46,915	1,837
Louisiana	9,267,034	555,000	4,718,400	3,724,852	2,000,882	1,723,970	136,525	132,257	4,742,538
Oklahoma	823,050		2,034	805,290	670,690	134,600	—	25,726	14,370
Texas	3,059,324	1,202,180	49,700	2,302,639	2,141,373	161,266	—	104,805	140,192
MOUNTAIN:									
Montana	313,800		105	252,860	241,400	11,460	13,920	46,915	1,837
Idaho	396,035		50	394,505	393,670	835	—	1,480	1,600
Wyoming	78,080		—	77,980	76,240	1,740	—	100	120
Colorado	885,423		174,944	497,773	455,761	42,012	—	212,706	7,270
New Mexico	207,328		900	206,428	205,878	550	—	—	3,050
Arizona	250,274		—	248,704	235,395	13,371	—	1,570	6,300
Utah	553,185		77,805	464,561	435,855	33,696	—	13,829	4,900
Nevada	10,813		—	10,815	10,615	200	—	—	—
PACIFIC:									
Washington	14,125,709		11,731,803	1,271,780	986,699	285,084	—	1,122,126	1,208,144
Oregon	757,839	6,000	103,465	581,124	451,475	129,649	—	67,250	23,640
California	13,047,631	2,913,681	4,039,778	3,027,778	1,830,133	1,197,645	1,863,376	1,203,018	33,167,086

DIAGRAM 10.—STOCKS OF CLEANED RICE REPORTED FOR JULY 1, 1918, AND JULY 1, 1917, BY IMPORTANT CLASSES OF BUSINESS.

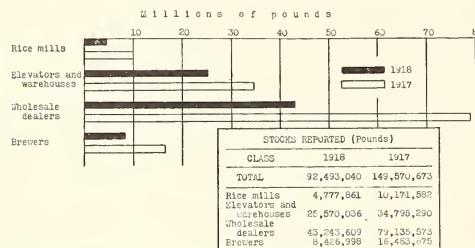


Table 16.—Comparative figures for rice, cleaned and milled—combined stocks of manufacturers, storage houses, and wholesale dealers, by geographic divisions and states.

GEOGRAPHIC DIVISION AND STATE.	Total stocks reported for July 1, 1918.	Total stocks reported for July 1, 1917.
	Pounds. 92,493,040	Pounds. 149,570,673
United States.		
GEOGRAPHIC DIVISIONS:		
New England.....	3,299,400	4,313,084
Middle Atlantic.....	16,116,896	25,597,833
East North Central.....	14,418,535	20,850,751
West North Central.....	10,888,944	19,776,808
South Atlantic.....	7,211,994	15,642,088
East South Central.....	2,734,062	4,798,588
West South Central.....	9,537,917	30,415,881
Mountain.....	2,342,973	4,064,093
Pacific.....	25,897,319	24,111,547
NEW ENGLAND:		
Maine.....	434,339	457,448
New Hampshire.....	231,296	206,524
Vermont.....	98,797	33,250
Massachusetts.....	1,870,235	2,940,208
Rhode Island.....	347,259	407,516
Connecticut.....	317,474	268,138
MIDDLE ATLANTIC:		
New York.....	12,118,212	19,205,222
New Jersey.....	836,214	646,578
Pennsylvania.....	3,207,470	5,746,053
EAST NORTH CENTRAL:		
Ohio.....	5,492,470	7,419,803
Indiana.....	919,555	1,333,489
Illinois.....	4,794,807	7,674,834
Michigan.....	1,923,476	2,755,425
Wisconsin.....	1,288,227	1,667,200
WEST NORTH CENTRAL:		
Minnesota.....	2,798,291	5,776,173
Iowa.....	4,037,436	4,368,435
Missouri.....	2,666,834	7,820,990
North Dakota.....	203,087	219,053
South Dakota.....	97,080	50,844
Nebraska.....	447,918	730,165
Kansas.....	638,292	811,148
SOUTH ATLANTIC:		
Delaware.....	15,112	19,441
Maryland.....	1,369,452	1,542,743
District of Columbia.....	175,516	58,615
Virginia.....	383,069	1,645,334
West Virginia.....	699,946	671,209
North Carolina.....	385,516	573,601
South Carolina.....	1,705,430	3,951,026
Georgia.....	1,501,738	3,909,753
Florida.....	976,415	3,270,366
EAST SOUTH CENTRAL:		
Kentucky.....	971,217	1,061,476
Tennessee.....	739,656	2,590,280
Alabama.....	660,218	765,618
Mississippi.....	362,971	381,214
WEST SOUTH CENTRAL:		
Arkansas.....	379,728	822,295
Louisiana.....	5,257,124	24,175,008
Oklahoma.....	549,288	901,467
Texas.....	3,351,777	4,517,111
MOUNTAIN:		
Montana.....	250,285	354,934
Idaho.....	394,555	650,088
Wyoming.....	35,900	88,595
Colorado.....	789,275	1,675,254
New Mexico.....	120,698	277,015
Arizona.....	182,489	197,756
Utah.....	559,156	776,981
Nevada.....	10,615	43,470
PACIFIC:		
Washington.....	13,731,454	2,264,403
Oregon.....	585,274	1,630,978
California.....	11,180,591	20,216,166

COMMERCIAL STOCKS OF BUCKWHEAT FLOUR

NOT INCLUDING RETAIL STOCKS.

The commercial stocks of buckwheat flour, together with the quantities in transit, as reported in the Food Survey of July 1, 1918, by all classes of business concerns except retail dealers, amounted to 6,896,260 pounds, of which total 6,781,651 pounds represented the stocks on hand and 114,609 pounds the quantities in transit. Of the total stocks on hand, the manufacturers held 55.7 per cent; the warehouses, 19.9 per cent; the wholesale dealers, 22.1 per cent; and a miscellaneous group of firms (chiefly bakers), the remaining 2.3 per cent. The stocks reported by each of these classes of firms are given in the first column of Table 17, and the quantities reported as in transit in the last column of the same table. The relative quantities reported as on hand by the several classes are shown graphically in Diagram 11.

Table 19 shows the number of schedules received and tabulated for buckwheat flour.

DIAGRAM 11.—DISTRIBUTION OF TOTAL STOCKS OF BUCKWHEAT FLOUR REPORTED FOR JULY 1, 1918, BY MANUFACTURERS, STORAGE HOUSES, AND WHOLESALE DEALERS.

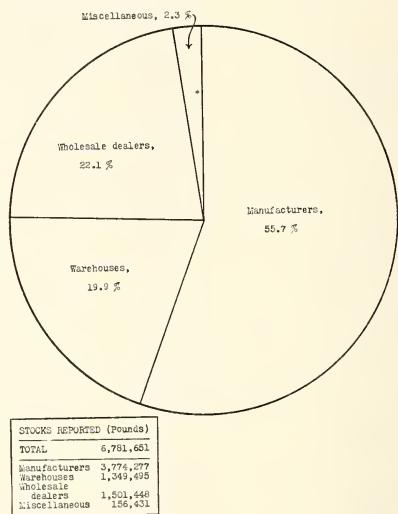


Table 17.—Stocks of buckwheat flour reported for July 1, 1918, by manufacturers, storage houses, and wholesale dealers, with comparative figures for July 1, 1917—United States totals.

CLASS OF BUSINESS	COMPARATIVE FIGURES—FROM FIRMS REPORTING FOR BOTH 1918 AND 1917.			Quantity reported as in transit on July 1, 1918.	
	1918 stocks.		1917 stocks.		
	Quantity.	Per cent of 1917.			
Manufacturers	3,774,277	131.7	2,805,628	-----	
Grain mills	2,739,673	106.0	2,511,130	68,000	
Cereal food manufacturers	1,034,600	350.8	294,498	-----	
Warehouses	1,349,495	705,345	175.3	402,258	
Wholesale dealers	1,501,448	1,215,022	87.4	1,389,626	
Wholesale grocers	1,216,231	96.2	993,982	46,609	
Other wholesale dealers	285,217	253,018	67.0	395,644	
Miscellaneous	156,431	121.2	120,053	-----	
Bakers	111,954	99.7	95.8	102,096	
Other miscellaneous	44,477	20,313	65.5	30,999	

Table 18.—Stocks of buckwheat flour reported for July 1, 1918, by manufacturers, storage houses, and wholesale dealers, by geographic divisions and states.

GEOGRAPHIC DIVISION AND STATE.	STOCKS REPORTED AS ON HAND JULY 1, 1918.										Quantity reported as in transit on July 1, 1918.	
	Total.	Manufacturers.			Wholesale dealers.			Pounds. 1,216,231	Pounds. 285,217	Pounds. 156,431		
		Total.	Grain mills.	Cereal food manufacturers.	Warehouses.	Total.	Wholesale grocers.					
United States	Pounds. 6,781,651	Pounds. 3,774,277	Pounds. 2,739,673	Pounds. 1,034,604	Pounds. 1,349,495	Pounds. 1,501,448					Pounds. 114,609	
GEOPGRAPHIC DIVISIONS:												
New England	208,884	855	855	—	69,965	134,523	121,214	13,309	3,541	1,133		
Middle Atlantic	3,665,109	2,697,713	1,743,164	954,549	494,224	367,752	290,678	77,074	105,420	28,248		
East North Central	1,329,260	534,339	474,337	60,002	436,956	324,833	250,982	73,851	33,132	72,268		
West North Central	651,099	450,772	430,839	19,933	47,271	145,026	144,728	298	8,030	4,464		
South Atlantic	166,404	2,878	2,878	—	13,020	146,545	120,625	25,920	3,961	5,064		
East South Central	47,193	50	50	—	—	47,133	46,984	449	10	158		
West South Central	68,254	30	30	—	—	50,349	50,024	325	35	413		
Mountain	144,925	42,510	42,510	—	54,196	47,298	47,113	183	1,011	645		
Pacific	500,523	45,130	45,010	120	225,243	228,909	134,803	94,106	1,241	2,216		
NEW ENGLAND:												
Maine	26,182	115	115	—	—	25,207	24,587	620	860	126		
New Hampshire	16,987	140	140	—	—	16,441	16,441	—	406	1,007		
Vermont	5,916	600	600	—	—	5,246	2,586	2,660	100	—		
Massachusetts	116,915	—	—	—	68,885	46,038	42,720	3,318	1,992	—		
Rhode Island	13,727	—	—	—	1,080	12,547	11,886	661	100	—		
Connecticut	29,127	—	—	—	—	29,044	22,994	6,050	83	—		
MIDDLE ATLANTIC:												
New York	3,375,034	2,679,319	1,728,774	950,545	441,889	196,765	162,246	34,519	57,061	803		
New Jersey	77,534	4,300	300	4,000	2,600	47,177	39,997	7,180	23,437	—		
Pennsylvania	212,541	14,094	14,090	4	49,735	123,810	88,435	33,373	24,902	27,445		
EAST NORTH CENTRAL:												
Ohio	154,025	35,870	870	35,000	25,437	87,917	83,472	4,445	4,801	—		
Indiana	15,898	2,070	2,070	—	—	9,728	7,961	1,767	4,100	180		
Illinois	204,870	40,272	15,270	25,002	13,625	137,437	87,103	50,334	13,536	5,888		
Michigan	887,323	422,833	422,833	—	389,365	71,306	60,941	10,365	3,819	100		
Wisconsin	67,144	33,294	33,294	—	8,529	18,445	11,505	6,940	6,876	66,100		
WEST NORTH CENTRAL:												
Minnesota	126,078	7,687	4,179	3,508	13,900	100,876	100,756	120	3,615	3,864		
Iowa	22,573	3,000	—	3,000	326	18,017	17,985	32	1,230	50		
Missouri	440,574	423,425	410,000	13,425	1,545	15,254	15,210	44	350	450		
North Dakota	5,742	10	10	—	—	5,222	5,220	2	510	—		
South Dakota	2,930	420	420	—	—	500	400	100	2,010	—		
Nebraska	19,693	16,230	16,230	—	—	3,208	3,208	—	255	60		
Kansas	33,509	—	—	—	31,500	1,949	1,949	—	60	40		
SOUTH ATLANTIC:												
Delaware	12,485	—	—	—	—	9,855	9,855	—	2,630	—		
Maryland	19,599	1,148	1,148	—	12,870	5,270	1,820	3,450	311	—		
District of Columbia	3,100	—	—	—	150	2,868	2,868	—	—	—		
Virginia	29,966	300	300	—	—	22,266	18,496	4,170	—	373		
West Virginia	29,890	1,430	1,430	—	—	28,480	28,480	—	—	1,200		
North Carolina	24,423	—	—	—	—	23,048	22,898	1,050	475	1,106		
South Carolina	20,203	—	—	—	—	20,203	20,203	—	—	—		
Georgia	20,957	—	—	—	—	20,457	13,162	7,295	500	2,385		
Florida	12,871	—	—	—	—	12,826	12,726	100	45	—		
EAST SOUTH CENTRAL:												
Kentucky	17,447	—	—	—	—	17,437	17,437	—	10	—		
Tennessee	17,995	50	50	—	—	17,945	17,945	—	—	108		
Alabama	9,022	—	—	—	—	9,022	9,017	5	—	50		
Mississippi	2,729	—	—	—	—	2,729	2,585	144	—	—		
WEST SOUTH CENTRAL:												
Arkansas	1,252	—	—	—	—	1,252	1,252	—	—	—		
Louisiana	10,014	—	—	—	—	10,014	9,699	315	—	120		
Oklahoma	3,277	—	—	—	—	3,277	3,277	—	—	161		
Texas	53,711	30	30	—	8,710	44,886	44,876	10	85	132		
MOUNTAIN:												
Montana	48,918	42,510	42,510	—	—	5,795	5,795	—	613	—		
Idaho	4,040	—	—	—	—	3,790	3,790	—	250	100		
Wyoming	774	—	—	—	—	774	774	—	—	—		
Colorado	50,245	—	—	—	—	46,914	3,213	3,163	50	118	45	
New Mexico	13,034	—	—	—	—	6,192	6,842	6,842	—	—	300	
Arizona	16,838	—	—	—	—	—	16,808	16,673	135	30	—	
Utah	8,421	—	—	—	—	—	7,421	7,421	—	—	200	
Nevada	2,635	—	—	—	—	—	2,635	2,635	—	—	—	
PACIFIC:												
Washington	202,898	13,660	13,540	120	156,583	31,651	29,001	2,650	1,004	1,596		
Oregon	36,250	22,050	22,050	—	700	13,365	9,805	3,560	135	440		
California	261,375	9,420	9,420	—	67,960	183,893	95,997	87,896	102	180		

Table 19.—Number of firms (manufacturers, storage houses, and wholesale dealers) reporting buckwheat flour.

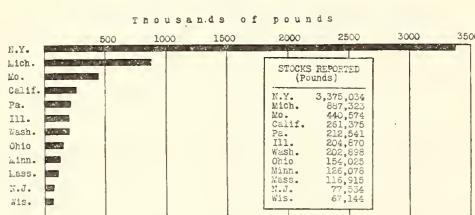
CLASS OF BUSINESS.	Total number of firms reporting.	Firms reporting for both 1918 and 1917.
Total	1,846	1,372
Manufacturers.....	201	145
Grain mills.....	189	134
Cereal food manufacturers.....	12	11
Warehouses.....	71	38
Wholesale dealers.....	1,309	1,027
Wholesale grocers.....	1,115	876
Other wholesale dealers.....	194	151
Miscellaneous.....	265	162
Bakers.....	85	51
Other miscellaneous.....	180	111

Geographic Distribution of Stocks Reported.

The geographic distribution of the stocks of buckwheat flour reported by business concerns other than retail dealers, is shown in Table 18. More than one-half of the stocks reported for the entire country were found in the Middle Atlantic division, the East North Central division ranking next, with a little over one-third as much. Among the states, New York ranked first, with 3,375,034 pounds, or almost one-half of the total reported for the country, and more than three times as much as was reported by Michigan, the state ranking next. Missouri ranked third, and California fourth. The stocks reported for the twelve most important states are shown graphically in Diagram 12.

The quantities reported as in transit are given by geographic divisions and states in the last column of Table 18.

DIAGRAM 12.—STOCKS OF BUCKWHEAT FLOUR REPORTED BY MANUFACTURERS, STORAGE HOUSES, AND WHOLESALE DEALERS FOR THE TWELVE MOST IMPORTANT STATES.



Comparative Figures for 1918 and 1917.

More than four-fifths of the returns, based on the quantity reported gave information for July 1, 1917, as well as for July 1, 1918. Comparative figures based on these two-year reports are given by classes of business in Table 17, and by geographic divisions and states in Table 20. The figures indicate a considerable increase in the aggregate stocks on hand on July 1, 1918, as compared with those held by the same concerns one year earlier. The cereal food manufacturers reported stocks for the date of the Survey more than three and one-half times as large as their holdings on July 1, 1917, while the warehouses show an increase of 75.3 per cent. The stocks reported for the two dates by manufacturers, warehouses, and wholesale dealers are represented in graphic form in Diagram 13.

DIAGRAM 13.—STOCKS OF BUCKWHEAT FLOUR REPORTED FOR JULY 1, 1918, AND JULY 1, 1917, BY IMPORTANT CLASSES OF BUSINESS.

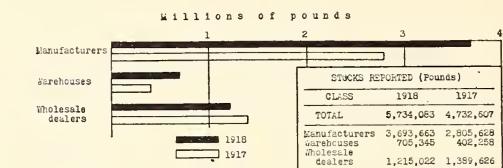


Table 20.—Comparative figures for buckwheat flour—combined stocks of manufacturers, storage houses, and wholesale dealers, by geographic divisions and states.

GEOGRAPHIC DIVISION AND STATE.	Stocks reported for July 1, 1918.	Stocks reported for July 1, 1917.
United States	Pounds. 5,734,083	Pounds. 4,732,607
GEOGRAPHIC DIVISIONS:		
New England.....	98,660	65,099
Middle Atlantic.....	3,486,402	2,171,021
East North Central.....	751,433	966,675
West North Central.....	627,444	745,463
South Atlantic.....	108,72	120,858
West South Central.....	3,439	3,388
West South Central.....	36,342	19,458
Mountain.....	122,011	153,855
Pacific.....	434,280	470,790
NEW ENGLAND:		
Maine.....	19,025	5,932
New Hampshire.....	13,911	1,860
Vermont.....	3,645	3,748
Massachusetts.....	33,939	32,847
Rhode Island.....	11,479	11,811
Connecticut.....	16,661	8,901
MIDDLE ATLANTIC:		
New York.....	3,275,346	1,866,465
New Jersey.....	28,317	17,556
Pennsylvania.....	182,739	287,000
EAST NORTH CENTRAL:		
Ohio.....	85,686	86,169
Indiana.....	9,181	17,945
Illinois.....	190,945	260,593
Michigan.....	470,095	578,413
Wisconsin.....	25,526	23,555
WEST NORTH CENTRAL:		
Minnesota.....	114,079	198,639
Iowa.....	18,970	120,033
Missouri.....	436,300	349,359
North Dakota.....	5,590	7,326
South Dakota.....	2,050	2,297
Nebraska.....	17,783	34,350
Kansas.....	32,672	33,459
SOUTH ATLANTIC:		
Delaware.....	12,005	3,545
Maryland.....	5,693	73,100
District of Columbia.....	1,450	3,050
Virginia.....	11,389	12,825
West Virginia.....	28,720	9,900
North Carolina.....	15,773	4,736
South Carolina.....	8,132	1,887
Georgia.....	17,181	6,263
Florida.....	7,726	5,142
EAST SOUTH CENTRAL:		
Kentucky.....	10,239	6,278
Tennessee.....	17,984	10,067
Alabama.....	8,487	2,224
Mississippi.....	2,729	819
WEST SOUTH CENTRAL:		
Arkansas.....	719	333
Louisiana.....	8,227	3,256
Oklahoma.....	2,371	10,100
Texas.....	25,025	5,769
MOUNTAIN:		
Montana.....	48,512	89,232
Idaho.....	3,743	23,886
Wyoming.....	2,254	900
Colorado.....	40,811	20,116
New Mexico.....	10,954	2,036
Arizona.....	6,664	950
Utah.....	8,421	11,745
Nevada.....	2,655	5,600
PACIFIC:		
Washington.....	199,673	134,396
Oregon.....	34,380	90,661
California.....	200,227	245,733